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12/21/00  
JC490 U.S. PTO  
09/740939 Pro  
12/21/00

December 21, 2000

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: Application of Luc Francois DESCAMPS,  
Thierry Christian Marie DOLIGES, Patrick DUVAUT  
METHOD AND APPARATUS FOR DETERMINING PROPERTIES OF A  
TRANSMISSION CHANNEL  
Our Ref. Q62126

Dear Sir:

Attached hereto is the application identified above including 12 sheets of the specification, including the claims and abstract, 3 sheet(s) of drawings. The executed Declaration and Assignment will be filed at a later date. Also enclosed is the Information Disclosure Statement and PTO form 1449, and Preliminary Amendment.

**PLEASE SEE THE ATTACHED PRELIMINARY AMENDMENT BEFORE  
CALCULATING THE FEE:**

The Government filing fee is calculated as follows:

Total claims	29	-	20	=	9	x	\$18.00	=	\$162.00
Independent claims	3	-	3	=		x	\$80.00	=	\$0.00
Base Fee									\$710.00
<b>TOTAL FEE</b>								<b>\$872.00</b>	

A check for the statutory filing fee of \$872.00 is attached. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. § 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

Priority is claimed from December 21, 1999 based on European Application No. 99403245.6. The priority document will be filed at a later date.

Respectfully submitted,  
**SUGHRUE, MION, ZINN,  
MACPEAK & SEAS, PLLC**  
Attorneys for Applicant  
By: *David J. Cushing*  
David J. Cushing  
Registration No. 28,703